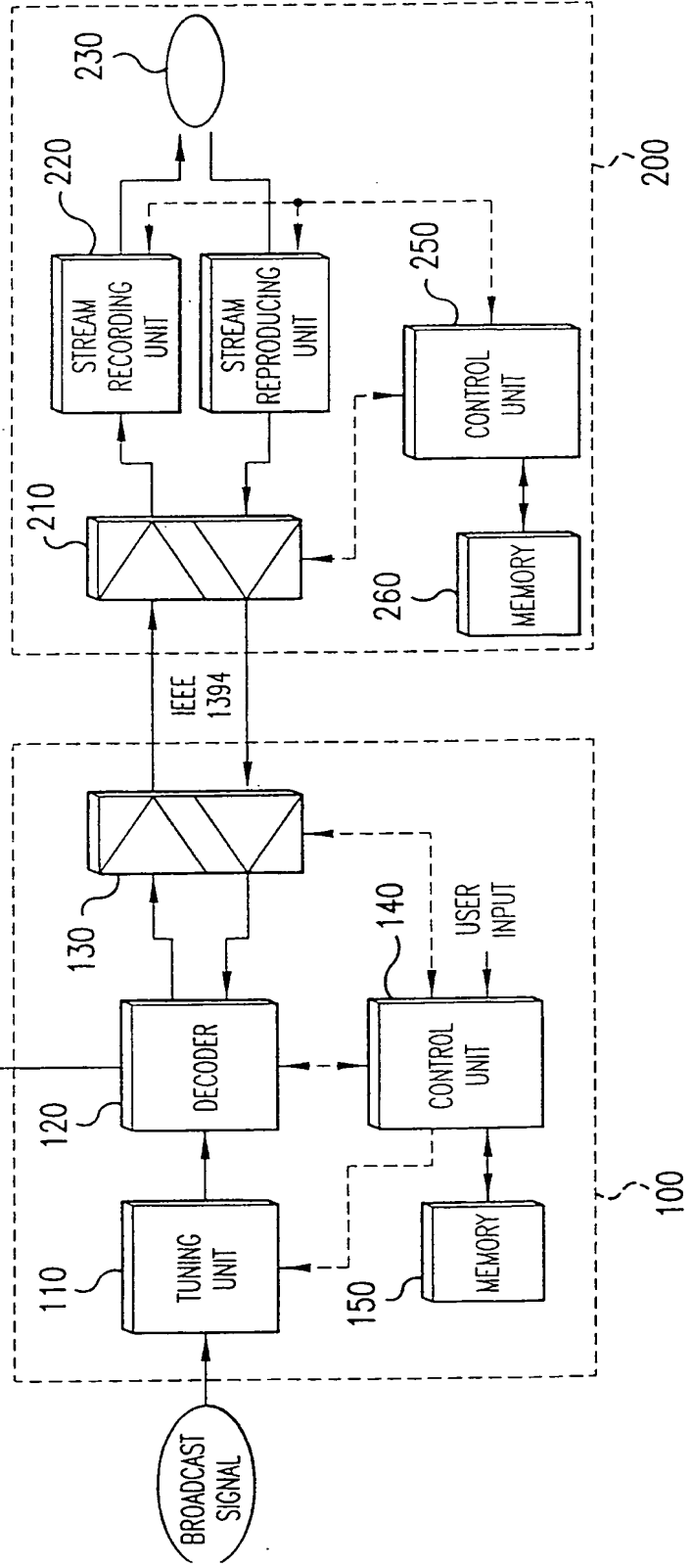


FIG. 1
Conventional Art



The diagram illustrates a multi-subband system. It features a horizontal timeline at the top with two segments labeled "SOB #1" and "SOB #2". Below this, a series of blocks are arranged horizontally. The first block is labeled "SOBU 1", followed by "SOBU 2", "SOBU 3", "SOBU 4", "SOBU 5", and "SOBU N". To the right of these SOBU blocks, there are corresponding "IAPAT" blocks: "IAPAT 1 (3)", "IAPAT 2 (4)", "IAPAT 3 (2)", "IAPAT 4 (3)", "IAPAT 5 (2)", and "IAPAT N (3)". A vertical dashed line labeled "A'" is positioned between "SOBU 4" and "SOBU 5". A horizontal double-headed arrow labeled "L" indicates the width of "SOBU 5". Another horizontal double-headed arrow labeled "L" indicates the width of "IAPAT 5 (2)". A horizontal double-headed arrow labeled "Offset_SZ" points from the start of "SOBU 4" to the start of "IAPAT 4 (3)". A horizontal double-headed arrow labeled "S" points from the start of "IAPAT 5 (2)" to the start of "IAPAT N (3)". A horizontal double-headed arrow labeled "X" points from the start of "SOBU 1" to the start of "IAPAT 1 (3)". A horizontal double-headed arrow labeled "S_S_APA" points from the start of "SOBU 1" to the start of "IAPAT 1 (3)". A horizontal double-headed arrow labeled "A" points from the start of "IAPAT 5 (2)" to the start of "IAPAT N (3)".

Conventional Art

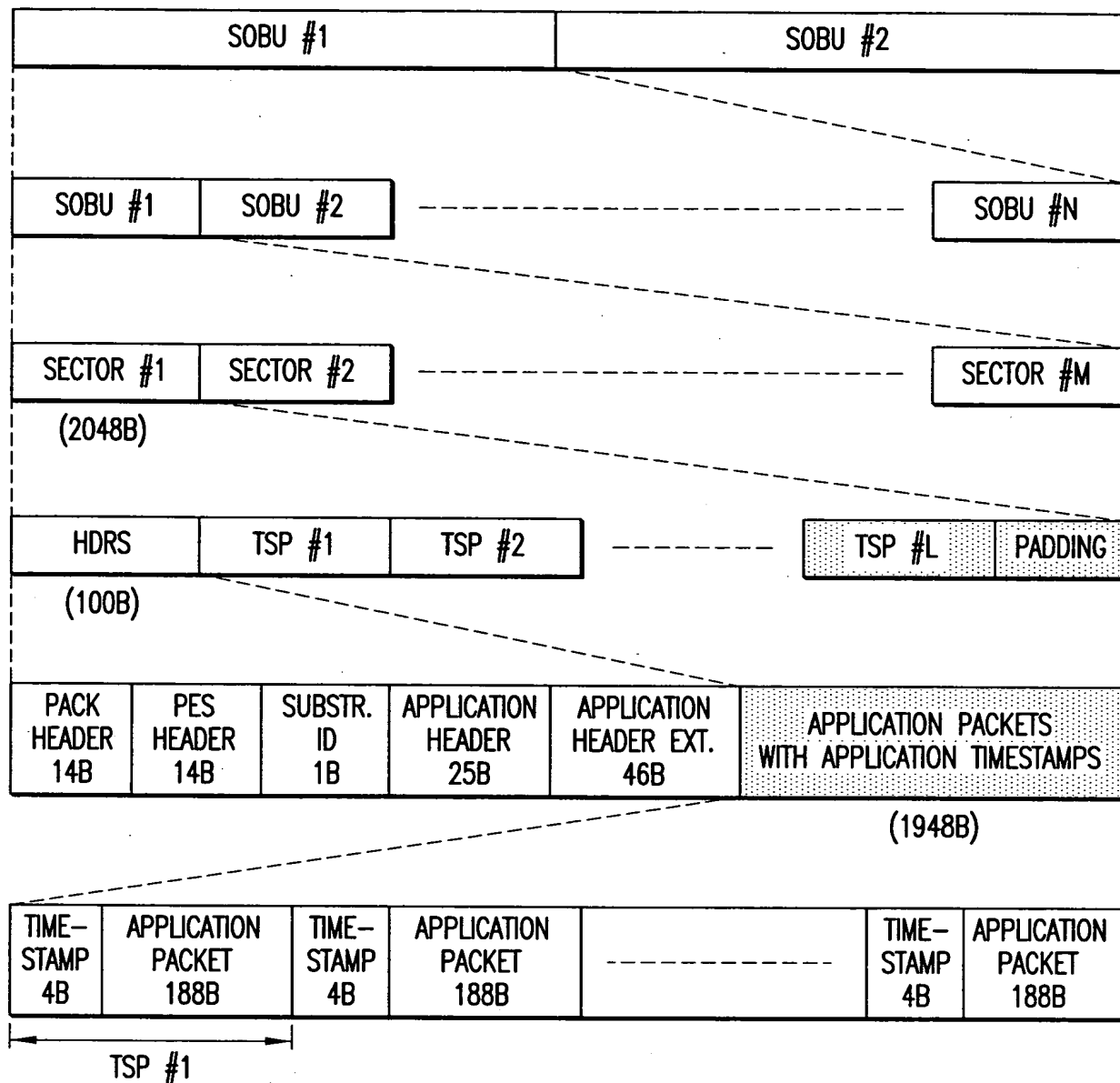


FIG.3
CONVENTIONAL ART

STREAM OBJECT INFORMATION (SOBI)	STREAM OBJECT GENERAL INFORMATION (SOB_GI)	
	MAPPING LIST (MAPL)	INCREMENTAL APAT #1 (IAPAT #1)
		⋮
		INCREMENTAL APAT #N (IAPAT #N)

FIG.4
CONVENTIONAL ART

SOB_GI		
SOBU_SZ	MINIMUM MAPPING UNIT SIZE	2 BYTES
MTU_SHFT	MAPPING TIME UNIT SHIFT	1 BYTE
RESERVED	RESERVED	1 BYTE
MAPL_ENT_NS	NUMBER OF MAPPING LIST ENTRIES	4 BYTES
S_S_APAT	STREAM START APAT	8 BYTES
S_E_APAT	STREAM END APAT	8 BYTES

(a)

INCREMENTAL APAT		
IAPAT	INCREMENTAL APAT	2 BYTES

(b)

FIG.5
CONVENTIONAL ART

FIG. 6A

PAT_base [38 ~ 31]	
PAT_base [30 ~ 23]	
PAT_base [22 ~ 15]	
PAT_base [14 ~ 7]	
PAT_base [6 ~ 0]	PAT_ext [8]
PAT_ext [7 ~ 0]	

PAT_base : 90 KHz unit , PAT_ext : 27 MHz unit (0 ~ 299)

Conventional Art

FIG. 6B

PAT [31 ~ 24]
PAT [23 ~ 16]
PAT [15 ~ 8]
PAT [7 ~ 0]

PAT : 27 MHz unit

Conventional Art

FIG. 7A

PAT_base [38 ~ 31]	
PAT_base [30 ~ 23]	
PAT_base [22 ~ 15]	
PAT_base [14 ~ 7]	
PAT_base [6 ~ 0]	PAT_ext [8]
PAT_ext [7 ~ 0]	

PAT_base : 90 KHz unit , PAT_ext : 27 MHz unit (0 ~ 299)

FIG. 7B

PAT_base [22 ~ 15]	
PAT_base [14 ~ 7]	
PAT_base [6 ~ 0]	PAT_ext [8]
PAT_ext [7 ~ 0]	

PAT_base : 90 KHz unit , PAT_ext : 27 MHz unit (0 ~ 299)

FIG.8

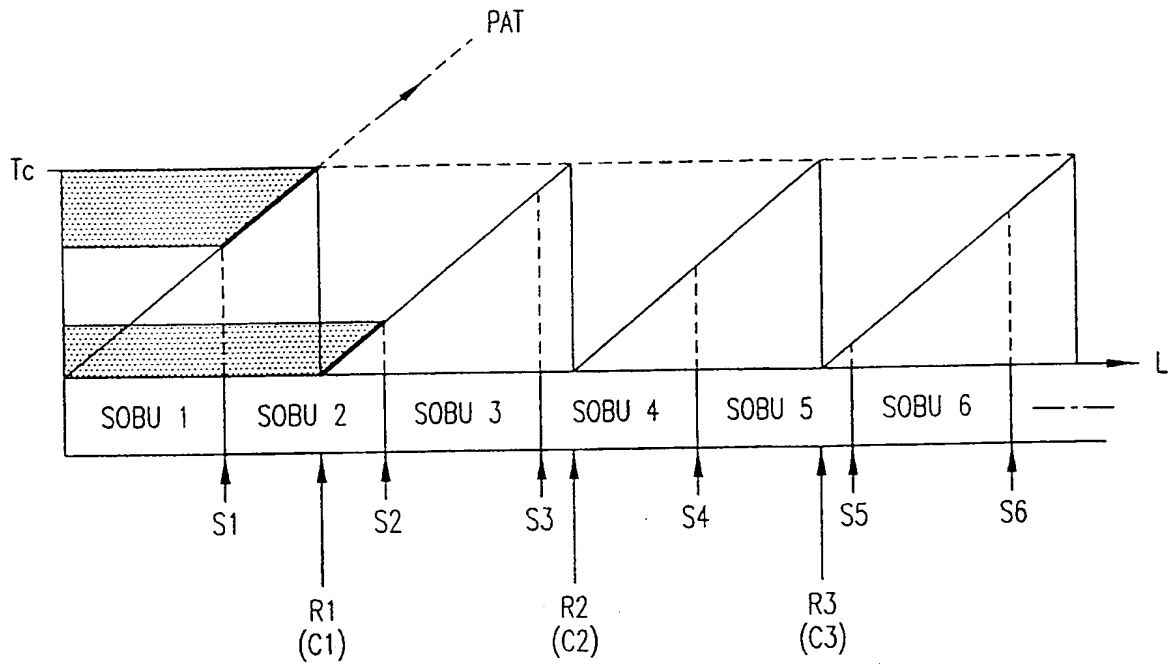


FIG.9

Conventional Art

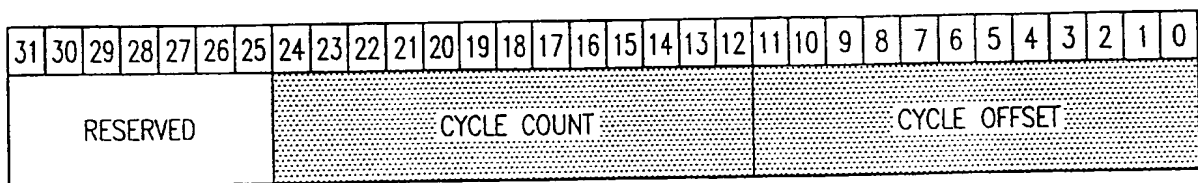


FIG.10

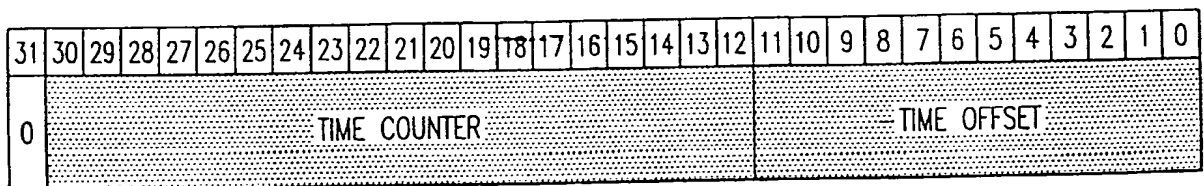


FIG.11

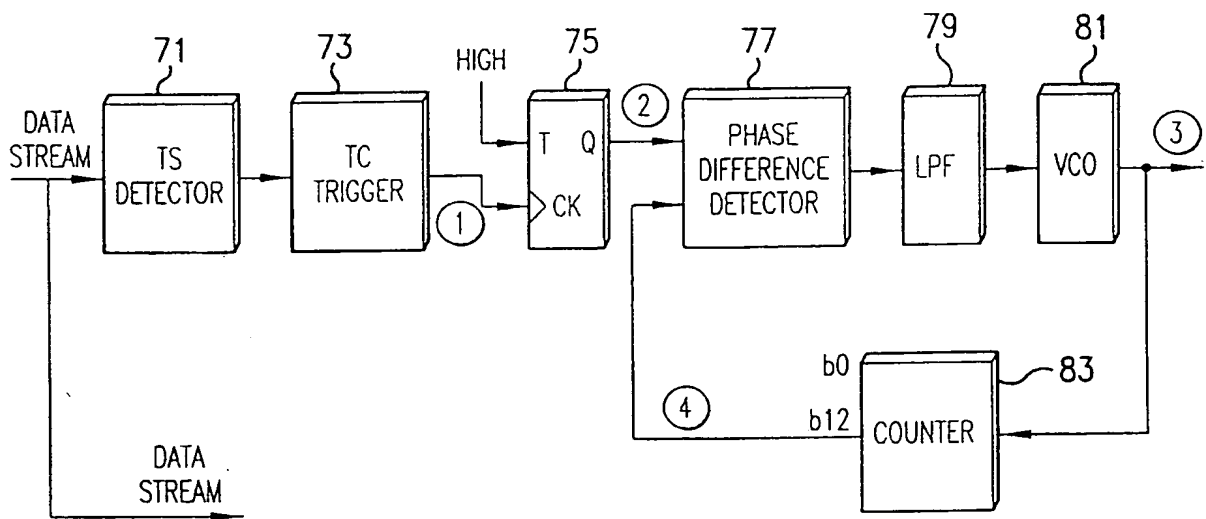


FIG.12

